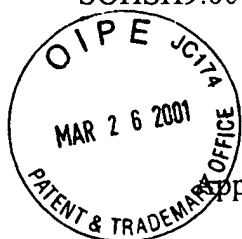


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#24  
Patent  
6.12.01  
R74

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kikuchi, et al.

Appl. No. : 09/727,070

Filed : November 29, 2000

For : Overhead Cable

Examiner : Unknown

) Group Art Unit: Unknown

) I hereby certify that this correspondence and all  
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) 20231, on

March 19, 2001

(Date)

Tom Arno, Reg. No. 40,490

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Notice to File Missing Parts mailed January 18, 2001, the below amended Abstract is submitted as indicated, in accordance with 37 CFR 1.72(b).

In the Abstract

A<sup>1</sup>  
An overhead cable is provided that comprises a tension-bearing core of twisted steel strands, a conductive layer of aluminum strands arranged at the outer circumference of the twisted steel strands, and an outermost layer arranged at the outer circumference of the aluminum strands. The outermost layer is formed by twisting together a plurality of adjoining segment strands. A spiral groove is provided in the longitudinal direction along the boundary portion of the outer circumferential surface of each adjoining segment strand. Along the contour of a cross-section of this outermost layer, each groove comprises an arc-shaped curve having a radius R centered around a vertex of a regular polygon. Each part between adjoining grooves comprises an arc-shaped curve which is concave with respect to a straight line connecting adjoining vertexes of a regular polygon, intersecting the arc-shaped curve with radius R.